

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A pixel driving circuit of an organic light emitting diode display panel display panel, each scan line and each data line, which are disposed on a display panel according to the present invention, crosswise constitute a pixel, said pixel driver circuit disposed on the pixel comprising:

a scan TFT having a gate (G) connected to the scan line and a source (S) connected to the data line;

a Vdd-connected TFT having a source (S) connected to the power supply (Vdd), a drain (D) connected to the drain (D) of the scan TFT, and a gate (G) connected to ~~the~~ a light-emitting line;

a driving TFT having a source (S) connected to the drain (D) of the Vdd-connected TFT and a drain (D) ~~is connected to the source (S) of the OLED-connected TFT;~~

a diode-connected TFT having a source (S) connected to the drain (D) of the driving TFT and a gate (G) connected to the scan line;

a storage capacitor having one end connected to the gate (G) of the driving TFT and the drain (D) of the diode-connected TFT, and the other end connected to the power supply (Vdd);

a reset TFT having a source (S) connected to the drain (D) of the diode-connected TFT, and a gate (G) and a drain (D) formed to a diode-connected type and connected to the junction connected to a previous scan line;

an OLED-connected TFT having a source (S) connected to the drain (D) of the driving TFT and a gate (G) connected to the light-emitting line; and

an organic light emitting diode having one end being an anode and connected to the drain (D) of the OLED-connected TFT, and the other end being cathode and connected to the ground.

2. (Original) The pixel driving circuit of an organic light emitting diode display panel display panel according to claim 1, wherein the gate of the Vdd-connected TFT and the gate (G) of the OLED-connected TFT are controlled by the same light-emitting line 120.

3. (Original) The pixel driving circuit of an organic light emitting diode display panel display panel according to claim 1, wherein the driving TFT is formed a diode-connected type by the diode-connected TFT.

4. (Currently Amended) A pixel driving circuit of an organic light emitting diode display panel display panel, each scan line and each data line, which are disposed on a display panel according to the present invention, crosswise constitute a pixel, said pixel driver circuit disposed on the pixel comprising:

a scan TFT having a gate (G) connected to the scan line and a source (S) connected to the data line;

an OLED-connected TFT having a source (S) connected to the drain (D) of the scan TFT and a gate (G) connected to ~~the~~ a light-emitting line;

an organic light emitting diode having one end being an anode and connected to the drain (D) of the OLED-connected TFT, and the other end being cathode and connected to the ground;

a driving TFT, having a drain (D) ~~connected to the drain (D) of the Vdd-connected TFT~~ and a source (S), the source (S) of the driving TFT is being connected to the source (S) of the OLED-connected TFT;

a diode-connected TFT having a source (S) connected to the drain (D) of the driving TFT and a gate (G) connected to the scan line;

a storage capacitor having one end connected to the gate (G) of the driving TFT and the drain (D) of the diode-connected TFT, and the other end connected to the power supply (Vdd);

a reset TFT having a source (S) connected to the drain (D) of the diode-connected TFT, and a gate (G) and a drain (D) formed to a diode-connected type and connected to the junction connected to a previous scan line; and

a Vdd-connected TFT having a source (S) connected to the power supply (Vdd), a drain (D) connected to the drain (D) of the driving TFT, and a gate (G) connected to ~~a~~ the light-emitting line.

5. (Original) The pixel driver circuit of an organic light emitting diode display panel display panel according to claim 4, wherein the gate of the Vdd-connected TFT and the gate (G) of the OLED-connected TFT are controlled by the same light-emitting line.

6. (Original) The pixel driver circuit of an organic light emitting diode display panel display panel according to claim 4, wherein the driving TFT is formed a diode-connected type by the diode-connected TFT.

7. (Currently Amended) A pixel driver circuit of an organic light emitting diode display panel display panel, each scan line and each data line, which are disposed on a display panel according to the present invention, crosswise constitute a pixel, said pixel driver circuit disposed on the pixel comprising:

a scan TFT having a gate (G) connected to the scan line and a source (S) connected to the data line;

a driving TFT having a source (S) connected to the drain (D) of the scan TFT and further connected to ~~the~~ a power supply line;

a diode-connected TFT having a source (S) connected to the drain (D) of the driving TFT and a gate (G) connected to the scan line;

a storage capacitor having one end connected to the gate (G) of the driving TFT and the drain (D) of the diode-connected TFT, and the other end connected to the power supply (Vdd);

a reset TFT having a source (S) connected to the drain (D) of the diode-connected TFT and a gate (G) and a drain (D) formed to a diode-connected type and connected to the junction connected to a previous scan line; and

an OLED having one end being an anode and connected to the drain (D) of the driving TFT, and the other end being cathode and connected to the common cathode line.

8. (Original) The pixel driver circuit of an organic light emitting diode display panel display panel according to claim 7, wherein all the pixels disposed on the data line are common connected to the same power supply line.

9. (Original) The pixel driver circuit of an organic light emitting diode display panel display panel according to claim 7, further comprising:

a Vdd-connected TFT disposed between the power supply line and the power supply (Vdd).

10. (Currently Amended) The pixel driver circuit of an organic light emitting diode display panel display panel according to claim 9, wherein the organic light emitting diode display panel display panel further including a light-emitting line; and the gate of the Vdd-connected TFT of each the power supply line disposed on the organic light emitting diode display panel ~~display panel~~ are in common connected to the light-emitting line.

11. (Original) The pixel driver circuit of an organic light emitting diode display panel display panel according to claim 7, further comprising:

an exterior switch TFT disposed between the common cathode line connected to the OLED of all the pixel disposed in the organic light emitting diode display panel display panel and the ground.

12. (Original) The pixel driver circuit of an organic light emitting diode display panel display panel according to claim 11, wherein the gate of the exterior switch TFT is connected to the light-emitting line of the organic light emitting diode display panel display panel.

13. (Original) The pixel driver circuit of an organic light emitting diode display panel display panel according to claim 7, wherein the driving TFT is formed a diode-connected type by the diode-connected TFT.